

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"10808606"	US-PGPUB; USPAT	OR	ON	2007/03/22 14:50
S2	8	"808606"	US-PGPUB; USPAT	OR	ON	2007/03/21 18:30
S3	133	398/30.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/21 18:30
S4	21	S3 AND (OPTICAL with TRANSMISSION with SYSTEM and SIGNAL WITH GENERATOR)	US-PGPUB; USPAT	OR	ON	2007/03/21 18:32
S5	4770	"21" and (MULTIPLEX\$3 near UNIT)	US-PGPUB; USPAT	OR	ON	2007/03/21 18:32
S6	168185	(Optic\$3 With transmission with multiplex\$3 ADJ unit NEAR2 supervisory OR administrat\$ AND signal)	US-PGPUB; USPAT	OR	ON	2007/03/22 14:53
S7	9472	S6 AND (transmission WITH line)	US-PGPUB; USPAT	OR	ON	2007/03/22 14:54
S8	3289	S7 AND (transmission WITH line AND multiplex\$4)	US-PGPUB; USPAT	OR	ON	2007/03/22 14:57
S9	0	S8 AND (first NEAR signal NEAR second NEAR signal WITH supervisor\$3 WITH signal and multiplux\$3)	US-PGPUB; USPAT	OR	ON	2007/03/22 14:59
S10	0	S8 AND (signal WITH supervisor\$3 WITH signal and multiplux\$3)	US-PGPUB; USPAT	OR	ON	2007/03/22 15:00
S11	0	S8 AND (supervisor\$3 WITH signal and multiplux\$3)	US-PGPUB; USPAT	OR	ON	2007/03/22 15:00
S12	0	(supervisor\$3 WITH signal and multiplux\$3)	US-PGPUB; USPAT	OR	ON	2007/03/22 15:00
S13	0	(supervisor\$3 ADJ signal and multiplux\$3)	US-PGPUB; USPAT	OR	ON	2007/03/22 15:00
S14	8627	(Signal With generator WITH multiplex\$3)	US-PGPUB; USPAT	OR	ON	2007/03/22 15:02
S15	110	S8 AND S14	US-PGPUB; USPAT	OR	ON	2007/03/22 16:36
S16	110	398/68.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/22 16:43
S17	6	S16 AND ( raman WITH amplif\$4)	US-PGPUB; USPAT	OR	ON	2007/03/22 18:10
S18	110	398/68.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/22 18:10
S19	108	398/138.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/22 18:11

## EAST Search History

S20	0	198/30.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/22 18:12
S21	133	398/30.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/23 19:35
S22	81	S21 and S19 and13	US-PGPUB; USPAT	OR	ON	2007/03/22 18:13
S23	833	(WDM WITH transmission WITH device\$1)	US-PGPUB; USPAT	OR	ON	2007/03/23 19:36
S24	433347	(WDM NEAR2 OPTICAL WITH Reception OR receiver)	US-PGPUB; USPAT	OR	ON	2007/03/23 19:38
S25	417	(S23 AND S24)	US-PGPUB; USPAT	OR	ON	2007/03/23 19:38
S26	1	S25 AND (OSC WITH first NEAR4 signal with second NEAR2 signal)	US-PGPUB; USPAT	OR	ON	2007/03/23 19:40
S27	32	S25 AND (OSC OR supervisor WITH first NEAR4 signal with second NEAR2 signal)	US-PGPUB; USPAT	OR	ON	2007/03/23 20:07
S28	0	"10808606"	US-PGPUB; USPAT	OR	ON	2007/03/23 19:59
S29	8	"808606"	US-PGPUB; USPAT	OR	ON	2007/03/23 20:00
S30	32	S25 AND (OSC OR supervisor WITH first NEAR4 signal with second NEAR2 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:15
S31	26	398/145.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:18
S32	365	398/140.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:19

## EAST Search History

S33	8	S32 AND(OSC or supervisor\$3 NEAR signal AND raman and short ADJ wavelength and clock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:21
S34	21164	(OSC or supervisor\$3 NEAR signal AND raman and short ADJ wavelength NEAR4 ASE and clock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:22
S35	110	398/68.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:23
S36	5	S34 And S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:25
S37	61	398/10.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:25
S38	0	S37 AND S35 AND (RAMAN NEAR excit\$5 AND clock and control and check)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:26
S39	61	S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:30

## EAST Search History

S40	0	S37 AND (wdm WITH TRANSMISSION WITH OSC with input NEAR FIRST and second)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:31
S41	1	S37 AND (wdm WITH TRANSMISSION WITH OSC)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:44
S42	653221	(WDM NEAR optical with transmission NEAR OSC or superior adj channel\$1 NEAR first WITH short\$3 wavelength and second WITH short\$3 wavelength )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:47
S43	81495	S42 AND (OSC with first WITH optical AND second WITH optical NEAR4 short and long wavelength and raman with extrac\$3 OR excit\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 20:49
S44	41	S43 AND (first with optical with supervisory with signal second with supervisory with signal and short and long with wavelength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 21:48
S45	11	"635723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 22:12
S46	11	"635723"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 22:13

## EAST Search History

S47	18	"390192"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 22:15
S48	4	"6819828"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 22:50
S49	3	"6621620"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 22:52
S50	7	"6532102"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 22:57
S51	10	"6411407"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/23 22:58
S52	9	"6411407"	US-PGPUB; USPAT	OR	ON	2007/03/26 10:03
S53	0	(WDM with transmission and reception with device) AND (supervisor\$3 with generat\$3 with first and second)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:05
S54	0	(WDM with transmission and reception with device)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:05
S55	213	(WDM with transmission and reception with device)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:06
S56	213	S55 AND (transmission withsupervisory NEAR channel\$2 with first NEAR second and short and long with wavelength)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:27

## EAST Search History

S57	110	398/68.ccls.	US-PGPUB; USPAT	OR	ON	2007/03/26 10:27
S58	0	S57 AND (supervisory with signal with continuity NEAR transmission with line and APSD with control and clock)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:29
S59	0	S57 AND (supervisory with signal with continuity NEAR transmission with line)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:30
S60	0	S57 AND (supervisory with signal NEAR transmission with line)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:30
S61	1	S57 AND (supervisory with signal)	US-PGPUB; USPAT	OR	ON	2007/03/26 10:47
S62	8	"808606"	US-PGPUB; USPAT	OR	ON	2007/03/26 10:51
S63	9	"6411407"	US-PGPUB; USPAT	OR	ON	2007/03/26 11:07
S64	10	"6411407"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 11:44
S65	9	(WDM with optical with transmission with device) AND (OSC with first and second with signal )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 12:24
S66	16	"808606"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 14:46
S67	10	"6411407"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 12:25
S68	1	"4451916".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:12

## EAST Search History

S69	1	"4833668".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:12
S70	1	"5113459".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:12
S71	1	"5150243".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:13
S72	1	"5170447".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:13
S73	1	"5274496".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:13
S74	1	"5299048".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:14
S75	1	"5383046".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:15
S76	1	"5394265".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:15
S77	1	"5455704".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:15
S78	1	"5510931".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:16
S79	1	"5521737".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:16
S80	1	"5532864".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:16
S81	1	"5532864".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:16
S82	1	"5535037".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:17
S83	1	"5546213".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:17
S84	1	"5555477".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:17
S85	1	"6046833".PN.	USPAT; USOCR	OR	ON	2007/03/26 13:19
S86	16953	OSC or (optical adj supervisor\$1ADJ chanal)	USPAT; USOCR	OR	ON	2007/03/26 13:20
S87	148	S86 AND WDM	USPAT; USOCR	OR	ON	2007/03/26 13:54
S88	0	S87 AND (OSC near transmission and recepttion)	USPAT; USOCR	OR	ON	2007/03/26 13:21
S89	10	"808606"	USPAT; USOCR	OR	ON	2007/03/26 13:54
S90	10	"808606"	USPAT; USOCR	OR	ON	2007/03/26 13:55

## EAST Search History

S91	10	"808606"	USPAT; USOCR	OR	ON	2007/03/26 13:55
S92	10	"6411407"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 16:40
S93	4	"6941078"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/26 16:40
S94	1	(optical adj transmission) near2 ((supervisor\$4 adj signal\$3) with (main adj signal\$1))	US-PGPUB; USPAT	OR	ON	2007/09/24 08:35
S95	5	("4211920"   "4564933"   "5315674"   "5825515"   "6014481").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:38
S96	0	multiplex\$4 with ((first and second) adj (supervisor\$4 adj signal))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:39
S97	1	multiplex\$4 same ((first and second) adj (supervisor\$4 adj signal))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:49
S98	6	("3870828"   "5223826"   "5247292"   "5566343"   "5838249"   "6310708").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:44
S99	125	398/181.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:44
S10 0	0	S97 and S99	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:49
S10 1	0	multiplex\$4 near2 ((first and second) adj (supervisor\$4 adj signal))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:49
S10 2	67	multiplex\$4 near2 ( (supervisor\$4 adj signal))	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:49
S10 3	5	S99 and S102	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:52



## EAST Search History

S10 4	347	(first with second) with (supervisor\$4 adj signal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:53
S10 5	18	(first with second) with (supervisor\$4 adj signal) with main	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 08:54
S10 6	5	("4211920"   "4564933"   "5315674"   "5825515"   "6014481").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 09:07
S10 7	72	two near2 (supervisor\$4 adj signal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 09:59
S10 8	61055	(supervisor\$4 or OSC or service adj channel\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 10:00
S10 9	1420	S108 and (WDM)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 10:01
S11 0	803	S109 and ("398"/.clas.)	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 11:54
S11 1	1	"20030072064"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 12:38
S11 2	1	"20030072064"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 12:39
S11 3	1	10/808606	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 12:43
S11 4	1	"20040190904"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 16:00
S11 5	2	"20040165624"	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/24 16:00
S11 6	1	("7039325").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/24 19:34
S11 7	1	("20020024690").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/24 19:41
S11 8	1	10/808606	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 19:43

## EAST Search History

S11 9	1	(supervisor\$3) near2 (signal with (APSD))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 19:45
S12 0	0	(supervisor\$3) near2 (clock with (APSD))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 19:45
S12 1	1	(supervisor\$3) near2 ( (APSD))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 19:46
S12 2	0	clock near2 ( (APSD))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 19:46
S12 3	0	(clock or NRZ) near2 ( (APSD))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 19:46
S12 4	0	(clock adj signal) with (APSD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 19:47
S12 5	0	(clock adj signal) near2 (APSD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 19:48
S12 6	120	(auto adj power adj shutdown) or (APSD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 19:49
S12 7	24	S126 and (clock)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/24 19:49